

134. The recognition site of claim 131, wherein said metadata comprises at least one of a television program title, network, channel number, running time, names of actors, writer, director, producer and date of creation.

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135. The recognition site of claim 128, wherein said processing means comprises a computer executing software code.

136. The recognition site of claim 128, wherein the transmission of the signal to the hand held device is by a communication protocol selected from the group consisting of frequency division multiple access, time division multiple access, cellular digital packet data, global system for mobile communications and code division multiple access.

137. The recognition site of claim 128 further comprising a signal filter arranged to substantially reduce or eliminate background noise.

REMARKS

Claims 1-137 are pending in the application.

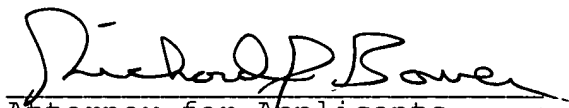
Claims 1, 10, 18, 22, 31, 32, 42, 50, 54, 60, 70, 76, 80, 84, 86, 104, 121, and 128 are independent.

Claims 80 and 85 were amended to correct minor informalities.

New Claims 86-137 are fully supported in the specification and drawings of the originally filed application.

Applicants' undersigned attorney may be reached in our Washington, D.C. office by telephone at (202) 625-3500. All correspondence should continue to be directed to our address given below.

Respectfully submitted,


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Rewritten Claims:

80. (Amended) Computer readable storage media storing code which causes a recognition server to recognize signals in an audio signal recognition system having a hand-held device and a local processor, the hand-held device capturing audio signals and transmitting to the local processor signals which correspond to the captured audio signals, the local processor transmitting extracted feature signals to the recognition server, the code causing the recognition server to perform the steps of:

receiving the extracted feature signals from the local [server] processor through an interface;

storing a plurality of feature signal sets in a memory, each set corresponding to an entire audio work; and

with processing circuitry (i) receiving an input audio stream and separates the received audio stream into a plurality of different frequency bands; (ii) forming a plurality of feature time series waveforms which correspond to spectrally distinct portions of the received input audio stream; (iii) storing in the memory the plurality of feature signal sets which correspond to the feature time series waveforms, (iv) comparing the received feature signals with the stored feature signal sets, and (v) providing a recognition signal when the received feature signals match at least one of the stored feature signal sets.

85. (Amended) A business method according to Claim [82]
84, further comprising the steps of:

receiving payment authorization from said user; and
in response to the authorization, forwarding the
audio work which corresponds to the at least one of the audio
templates stored in the recognition site memory to the user.